

AMENDMENTS TO THE CLAIMS

In the claims, please cancel claims 9, 12 and 13 and amend claims 1, 3, 5 and 14-15 as follows:

1. (currently amended) A process for delivering, ~~without a transfection reagent used in the prior art,~~ a polynucleotide RNA into a cell of a mammal to block the production of a protein ~~inhibit, eliminate or alter expression of an endogenous nucleotide sequence,~~ comprising:
 - a) making the ~~RNA naked polynucleotide~~ consisting of a sequence that is substantially complementary to a nucleic acid sequence in the mammal;
 - b) inserting the ~~RNA naked polynucleotide~~ into a vessel in the mammal, wherein the vessel consists of arteries, arterioles, capillaries, venules, sinusoids, veins, lymphatics, and bile ducts; and,
 - c) ~~increasing the permeability of the vessel within the target tissue; and,~~
 - d) delivering the ~~RNA naked polynucleotide~~ to the cell wherein the protein production is blocked ~~sequence expression is inhibited, eliminated or altered.~~
2. (canceled)
3. (currently amended) The process of claim 1 wherein ~~increasing the permeability of the vessel~~ is increased by ~~consists of~~ increasing pressure against vessel walls.
4. (original) The process of claim 3 wherein increasing the pressure consists of increasing a volume of fluid within the vessel.
5. (currently amended) The process of claim 4 wherein increasing the volume consists of inserting the RNA polynucleotide in solution into the vessel.
6. (original) The process of claim 1 wherein the vessel consists of a tail vein.
7. (original) The process of claim 1 wherein the vessel consists of a bile duct.
8. (previously presented) The process of claim 1 wherein the cell is a cell selected from the group consisting of liver cells, spleen cells, heart cells, kidney cells, striated muscle cells, and lung cells.
9. (canceled)
10. (canceled)

- 11. (canceled)
- 12. (canceled)
- 13. (canceled)
- 14. (currently amended) The process of claim 4 ~~43~~ wherein the pressure is sufficient to increase organ volume.
- 15. (currently amended) The process of claim 4 ~~43~~ wherein the pressure is sufficient to increase extravascular volume.
- 16. (original) The process of claim 1 wherein the vessel consists of a liver vessel.